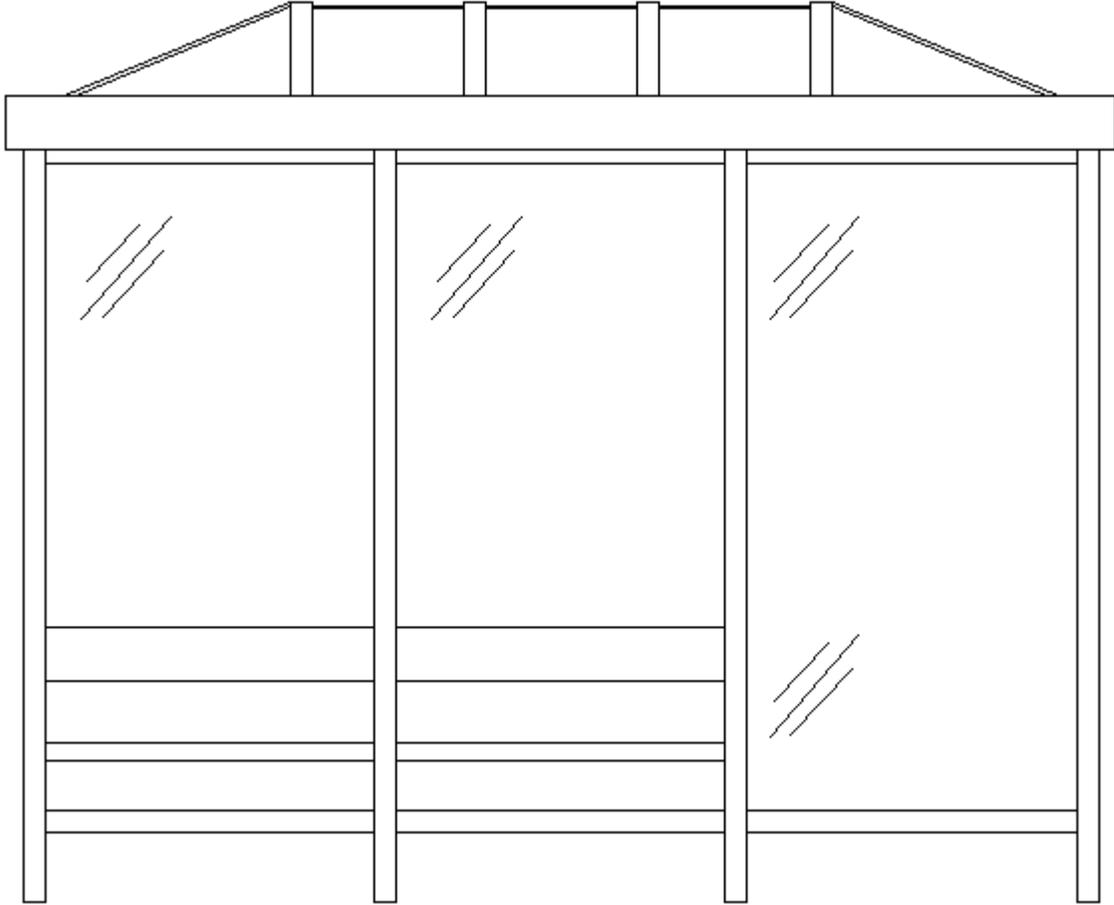


05HM5122



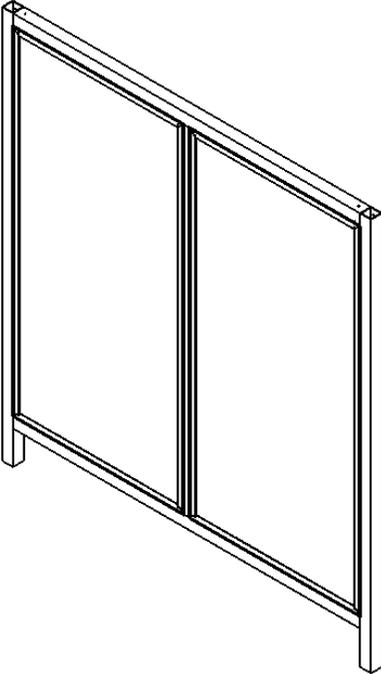
It is possible that this product could incur damage during transit. Inspect the unit closely when it arrives. If you see evidence of damage to either the packaging or the product **immediately** make a note of it on the Bill of Lading. It is important to open the packaging upon its arrival to ensure there is no concealed damage and if there is damage to enable a timely claim with the freight carrier. Unpack all materials and verify quantities to the pack list provided before starting assembly. Consult your customer service representative if you have any questions or problems before or during installation or if optional features are not covered in these instructions.

#### **Tools Required for Assembly**

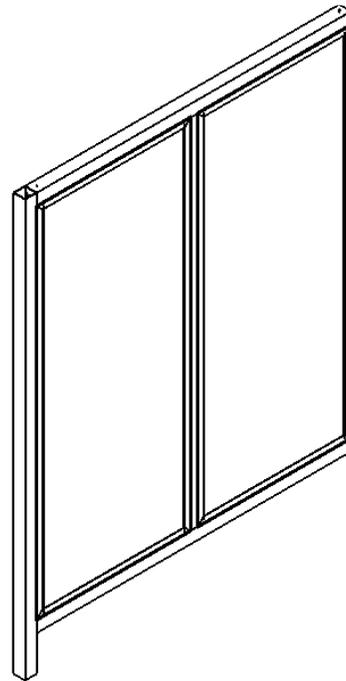
- 1.) Rubber mallet
- 2.) Power screw gun with 5/16" & 1/4" nut driver bits.
- 3.) Pop rivet gun
- 4.) Power drill with a 1/8" drill bit
- 5.) 25' tape measure
- 6.) Steel claw hammer
- 7.) Caulk gun (10.3 oz. tube size)
- 8.) Chalk line
- 9.) Rotary hammer power drill with 1/4" masonry drill bit and 1/2" masonry drill bit.
- 10.) Vise grips - C style with wide grip opening and end pads (clamp)
- 11.) 1 -1/4" Hole saw

Please read installation instructions thoroughly once prior to beginning installation.  
Call our customer service team if you need clarification of these assembly instructions.

**PARTS IDENTIFICATION**  
**FOR QUANTITY SEE SHIPPING LIST**



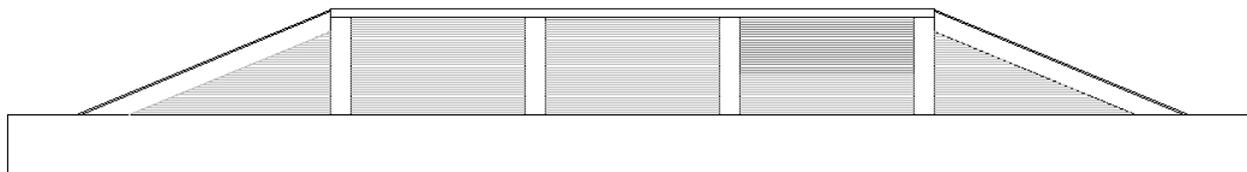
**WALL SECTION - DOUBLE POST**  
**(2 POSTS ATTACHED)**



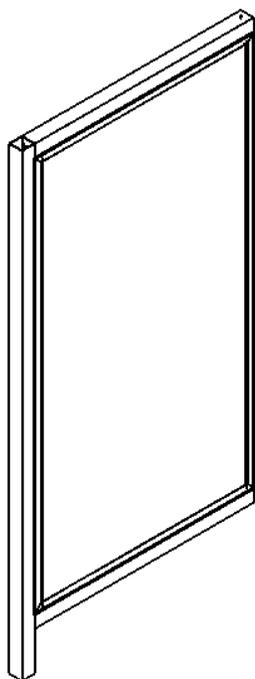
**WALL SECTION - SINGLE POST LEFT**  
**(1 POST ATTACHED AS VIEWED**  
**FROM OUTSIDE)**

# *Installation Instructions*

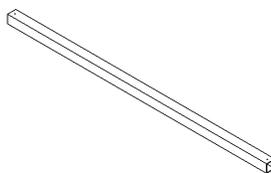
## **PARTS IDENTIFICATION (cont.)**



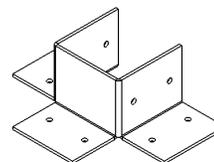
**HIP ROOF ASSEMBLY**



**WALL SECTION- SINGLE POST**  
**(1 POST ATTACHED)**

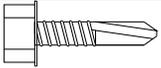


**HEADER**  
**QTY-1 PER**  
**OPEN FRONT**



**ANCHORING SHOE**

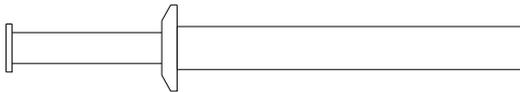
***Installation Instructions***  
**FASTENER IDENTIFICATION**  
FOR QUANTITY SEE SHIPPING LIST



**#10 x 3/4" HEX HEAD SELF DRILLING / TAPPING SCREW (COLOR OF SHELTER)**



**3/16" x 1/2" LONG ALUMINUM POP RIVET**



**1/4" X 2" DRIVE PIN ANCHOR EXPANSION ANCHOR**

Unpack all materials and verify quantities to the shipping list provided before starting assembly. Consult Customer Service if you have any questions or problems before or during installation or if optional features are not covered in these instructions.

## ***Installation Instructions***

### **STEP 1**

The shelter should be installed in the center of the existing concrete pad (unless otherwise specified). To achieve this, take the outside measurements of the concrete pad and compare them to the outside dimensions of the shelter as provided on plan view of submittal drawings. After determining the placement of the shelter, snap a chalk line to mark the perimeter of the shelter. Check the chalk lines for square by measuring from corner to corner and adjust layout until measurements are equal.

### **STEP 2**

Unpack the wall sections from the crate. Note that the wall sections are numbered, in sequence, starting at #1 and start in a corner. **See Install Layout.**

**CAUTION: AS YOU ASSEMBLE THE SEQUENTIALLY NUMBERED PANELS BE SURE THE PANELS CREATE THE SHELTER ASSEMBLY PATTERN ON SHEET 1 ASSEMBLY DRAWING.**

## Installation Instructions

### STEP 3

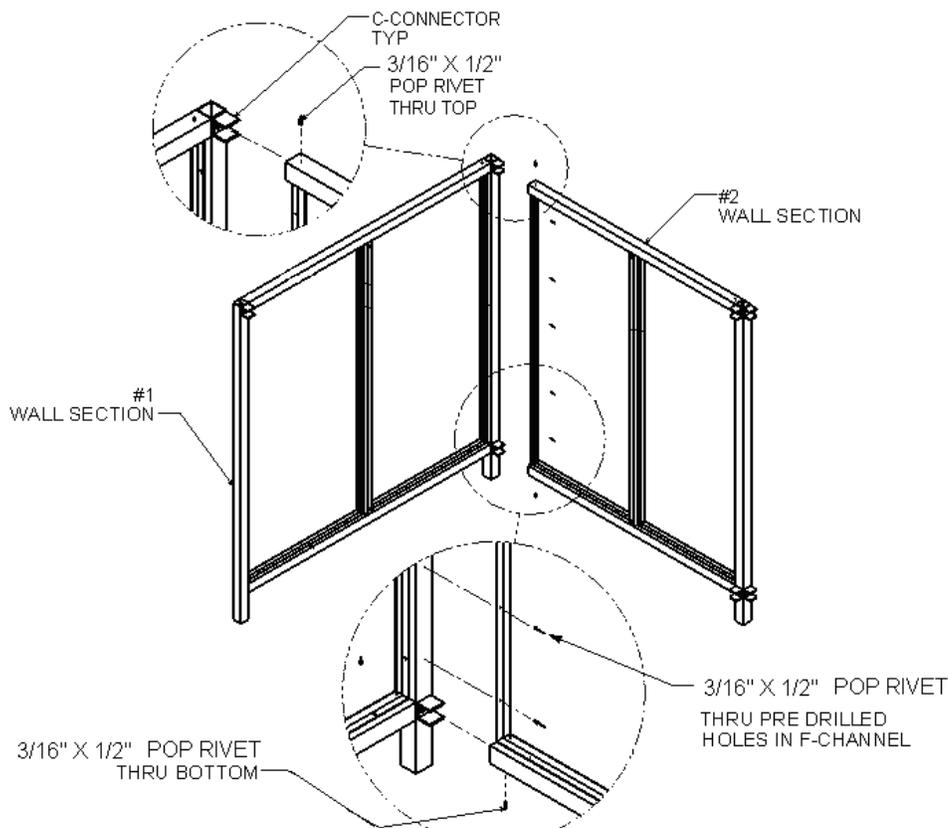
See Figure 1. Start with the #1 & #2 wall panels. They should make a corner connection. Stand up the wall sections #1 & #2 placing the C-connectors into the horizontal tubes.

Drill 3/16" hole in C-connector (using pre-drilled holes in horizontal tube as a guide) in top and bottom tubes. Install (1) 3/16" x 1/2" aluminum pop rivet thru hole in the top wall tube and into hole in C-connector. Install (1) 3/16" x 1/2" aluminum pop rivet thru the bottom tube and into the hole in C-connector.

Install 3/16" POPRIVET thru pre-drilled holes in F-Channel of WINDOW assembly into vertical tube.

**CAUTION:** Be certain wall sections are secured from falling over until shelter is fully anchored to concrete pad.

**NOTE:** Do not anchor shelter to concrete slab until all wall sections are assembled and connected to each other.



**Figure 1 – Typical  
Corner assembly.  
#1 and #2 panels  
Shown**

## ***Installation Instructions***

### **STEP 4**

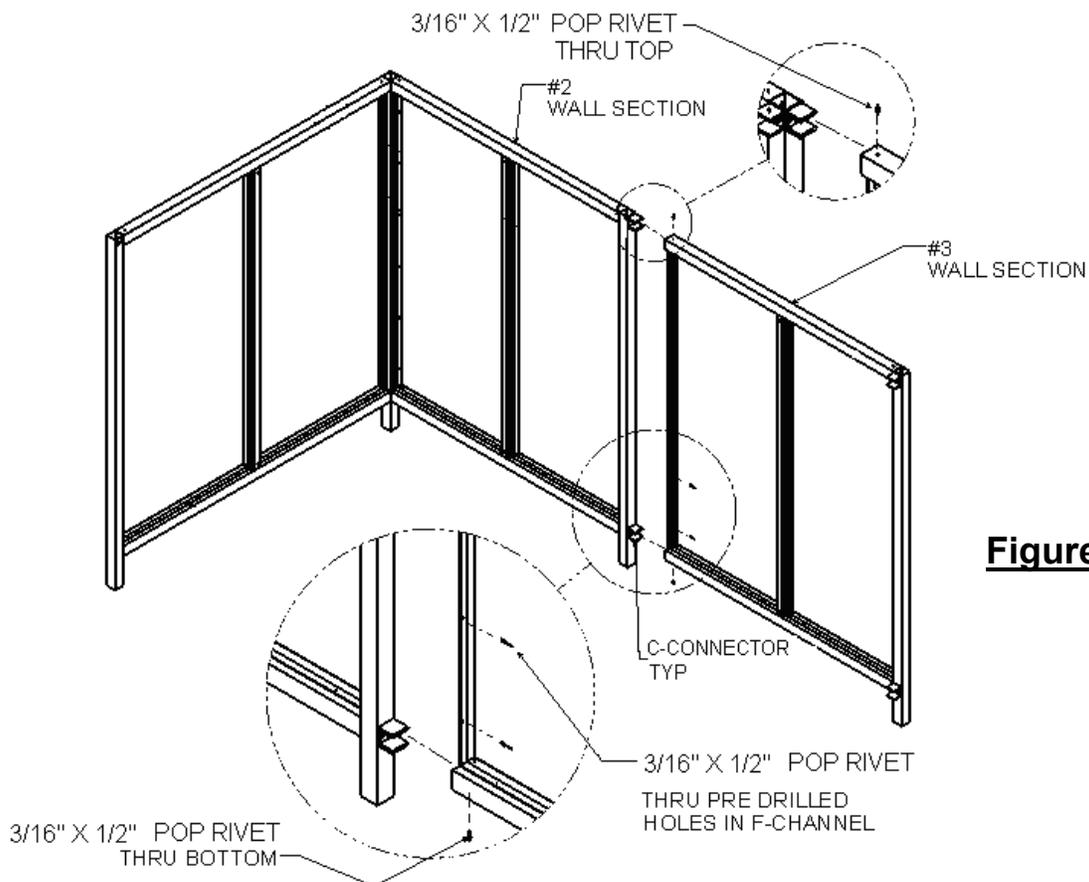
**See Figure 2.** Continue with the remaining **REAR** wall panel(s). Stand up the next wall sections placing the C-connectors into the horizontal tubes.

(Follow same installation steps as step 3.)

Continue with next rear wall panel(s) if required.

**CAUTION:** Be certain wall sections are secured from falling over until shelter is fully anchored to concrete pad

**NOTE:** Do not anchor shelter to concrete slab until all wall sections are assembled and connected to each other.



**Figure 2**

## ***Installation Instructions***

### **STEP 5**

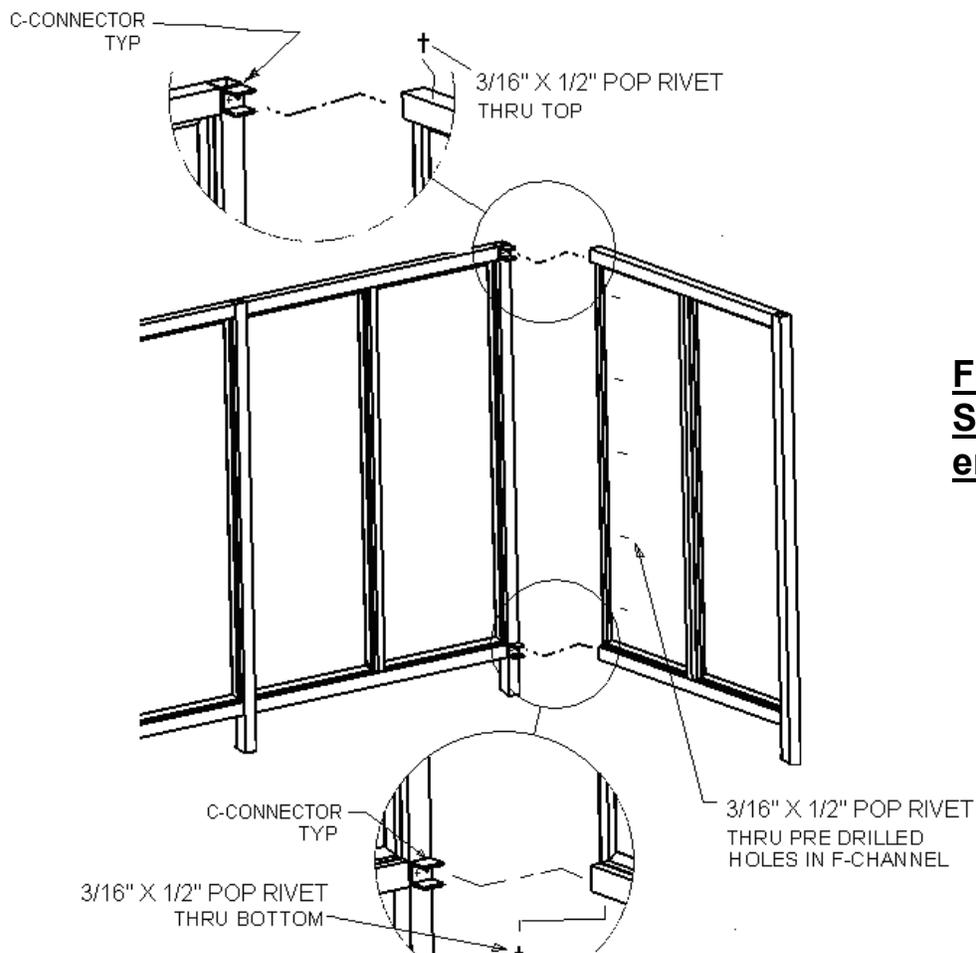
**See Figure 3.** Continue with end wall panel(s). Stand up the next wall sections placing the C-connectors into the horizontal tubes.

(Follow same installation steps as steps 3 and 4.)

Continue with next end panel(s) if required.

**CAUTION:** Be certain wall sections are secured from falling over until shelter is fully anchored to concrete pad

**NOTE:** Do not anchor shelter to concrete slab until all wall sections are assembled and connected to each other.



**Figure 3 –  
Standard  
end panel**

## ***Installation Instructions***

### **STEP 6**

Continue with front end wall panel(s) or entryway(s) depending on layout.

**If a wall panel is the next section attach it in the same manner as in the previous steps.**

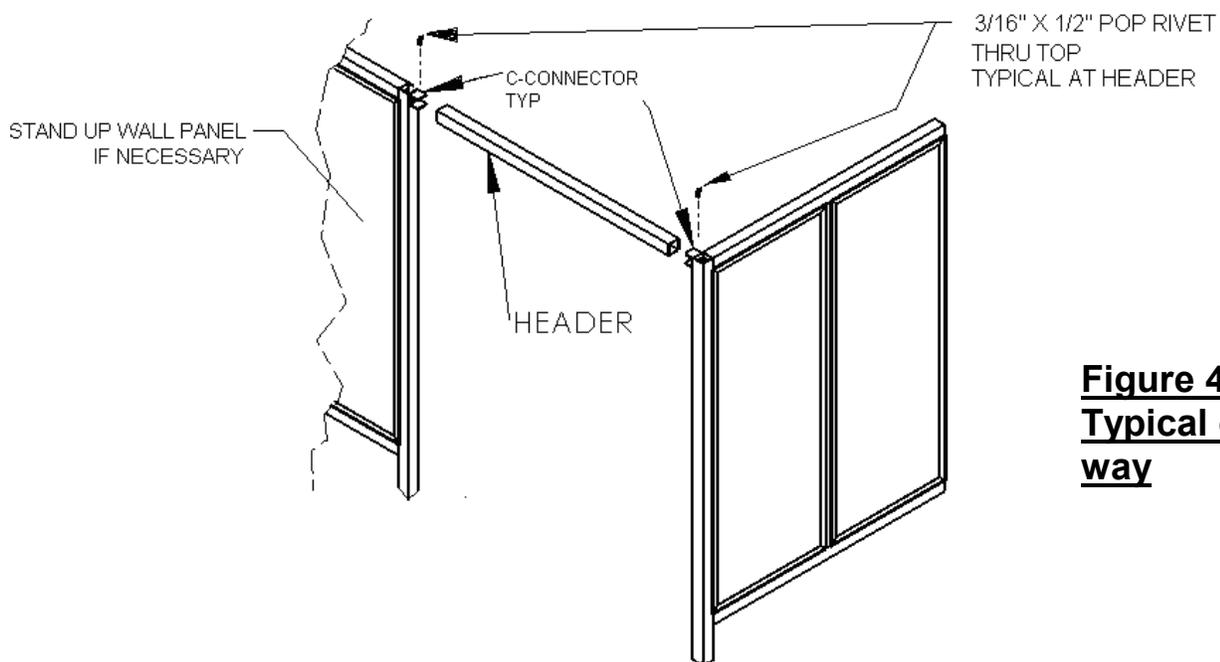
**If an entry way is the next section continue as follows.**

**See Figure 4.** Stand up wall panel next to entryway if necessary. (Subsequent wall panel may already be standing if entryway is on left side of shelter) Secure to keep wall from falling over. Place the horizontal tube over the C-connector with pre-drilled holes up. Brace the wall sections together until C-connectors are entirely inside tubes.

Drill 3/16" hole in C-connector (using pre-drilled hole in header as a guide). Install (1) 3/16" X 1/2" aluminum pop rivet thru each drilled hole in the header and into holes in C-connectors.

**CAUTION: Be certain wall sections are secured from falling over until shelter is fully anchored to concrete pad**

**NOTE: Do not anchor shelter to concrete slab until all wall sections are assembled and connected to each other.**



**Figure 4 -  
Typical entry  
way**

## ***Installation Instructions***

### **STEP 7**

Continue the remaining front wall panel(s) connection(s) until the perimeter of the walls are complete. After all the walls of the shelter are assembled, measure from corner to corner again to ensure the shelter is square. Adjust layout if necessary.

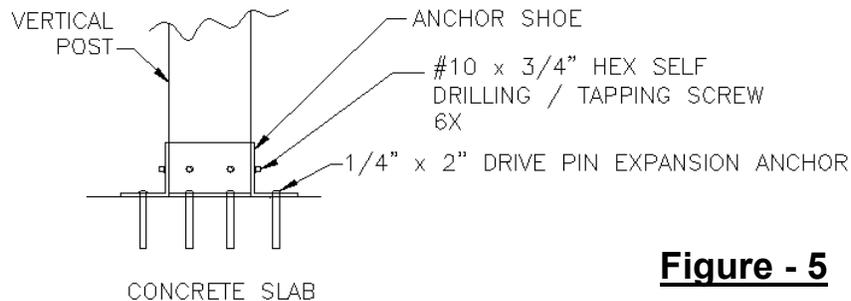
### **STEP 8** – Anchoring Shelter (Vented Shelter)

Anchor the shelter to the concrete pad. **See Figure 5.**

Fit the anchoring shoes around the exterior of each of the posts. Although six holes are provided in anchor shoe, only 4 anchors per shoe are required. Mark the holes to be drilled in concrete pad using the anchor shoe as a template. Remove the anchor shoe and drill into the concrete pad. Be sure the holes are deep enough for the drive pins to anchor shelter properly.

Fit the anchoring shoes around the exterior of each of the posts and attach the shoes to the posts with the #10 x 3/4" hex head self tapping screws in the holes provided.

Hammer in the 1/4" x 2" drive pin expansion anchors provided.



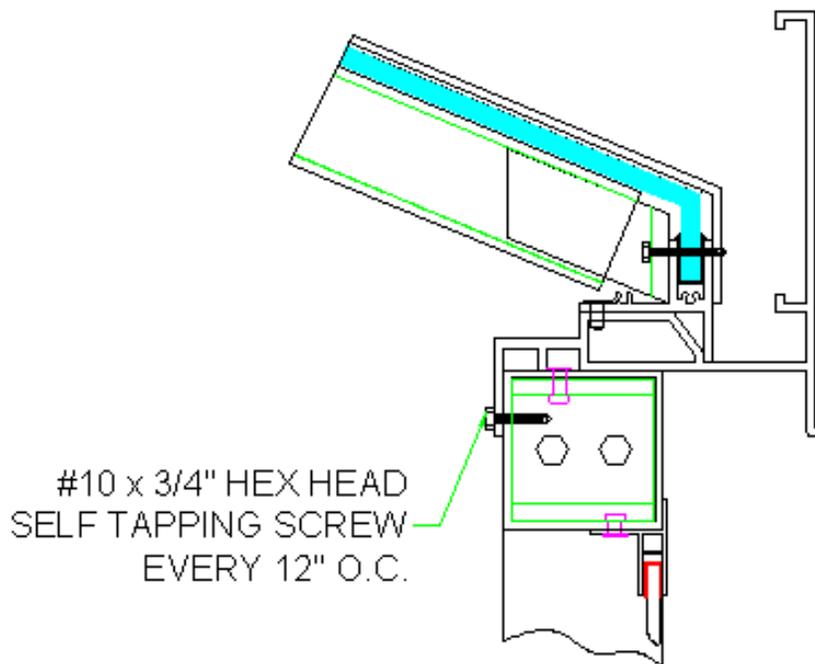
**Figure - 5**

## ***Installation Instructions***

### **STEP 9**

**See Figure 6.**

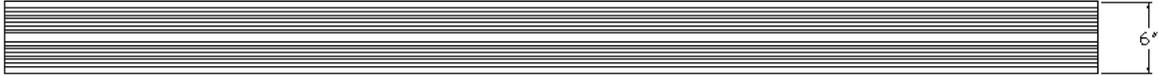
Lift the hip roof into place, making sure that the drain holes are oriented correctly (none at elevation A). Secure the hip roof using #10 x 3/4" tek screws provided @ 12" O.C.



**Figure - 6**

# *Installation Instructions*

## **BENCH PARTS IDENTIFICATION**



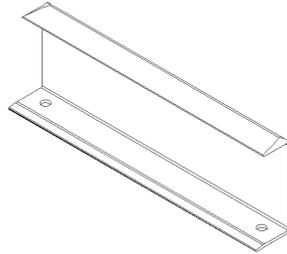
**BACKREST – QTY 1**



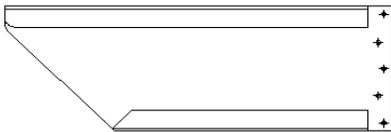
**BENCH – QTY 1**



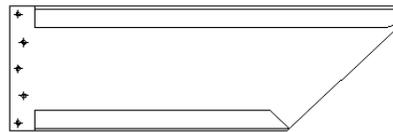
**BACKREST BRACKET – QTY 4**



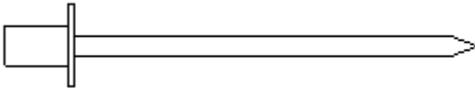
**END CAP – (QTY 2) 6”  
(QTY 2) 9 1/2”**



**BENCH SUPPORT – QTY 2 – LEFT HAND**



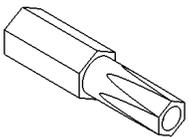
**BENCH SUPPORT – QTY 2 – RIGHT HAND**



**3/16” POP RIVETS**



**1/4” X 1” STAINLESS STEEL SELF TAPPING SECURITY SCREWS**



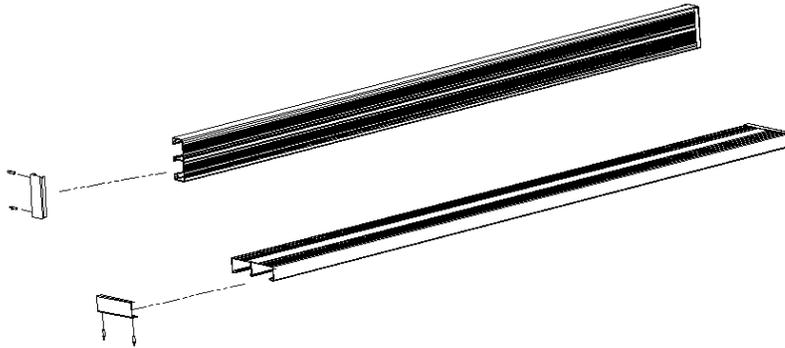
**# 30 6 LOBE SECURITY BIT**

# Installation Instructions

## STEP A.

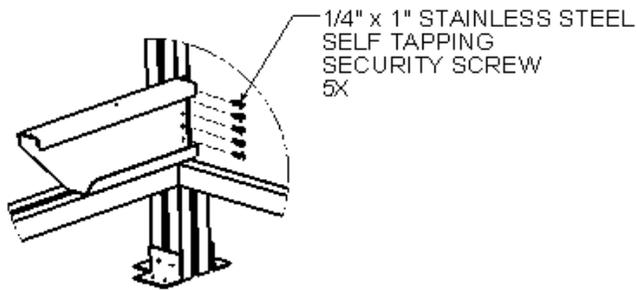
### Installation of the bench.

- A. Drill 3/16" diameter holes through 9 1/2" bench and 6" backrest using predrilled holes in end cap as guide, 2 per end cap. **See Figure 1**
- B. Secure end caps to bench and back rest with 3/16" pop rivets. (2 per end Cap)

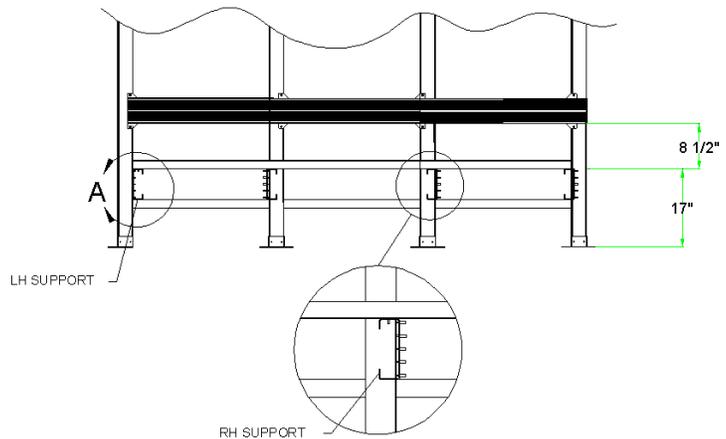


**Figure 1**

Locate bench supports on posts. **See Figure 2.** Note orientation of support at corner. **See Figure 2, Detail A.** Supports must be level, one to another. Using #30 6 lobe security driver bit provided, secure bench supports to posts with 1/4" stainless steel self tapping security screws, 5 per bench support.



**Figure 2A**



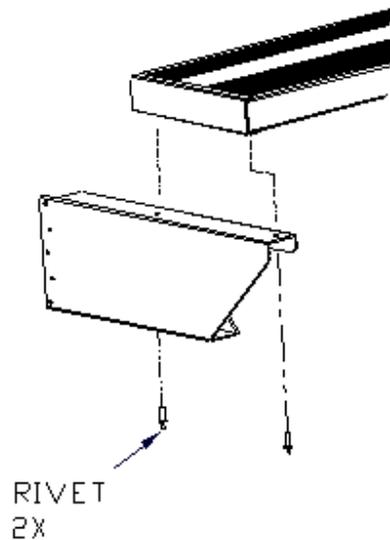
**Figure 2**

## ***Installation Instructions***

### **Installation of the bench (cont.)**

#### **STEP B.**

Place the 9 ½" bench plank on top of the supports. Clamp in place. **See Figure 3.** Drill 3/16" diameter holes through the bench using the predrilled holes in the bench support as a guide, 2 per bench support. **Caution: drill holes through underside flange only.** Secure the bench to the supports with 3/16" diameter pop rivets, 2 per bench support. Remove clamps.



**Figure 3**

## ***Installation Instructions***

### **Installation of the bench (cont.)**

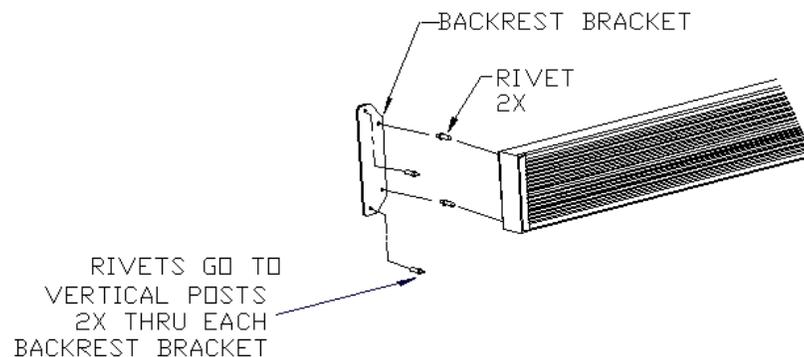
#### **STEP C.**

Layout backrest on its face and layout backrest brackets such that each vertical post of the shelter receives a backrest bracket where bench is to be installed. **See Figure 4.** Clamp in place. Drill (2) 3/16" diameter holes through backrest using predrilled holes in backrest bracket as guide.

**Caution: drill holes through the rear flange of backrest only.**

Secure backrest bracket to backrest with (2) 3/16" pop rivets as shown in **Figure 5.**

**Figure 4**  
**BACKSIDE OF**  
**BACKREST**

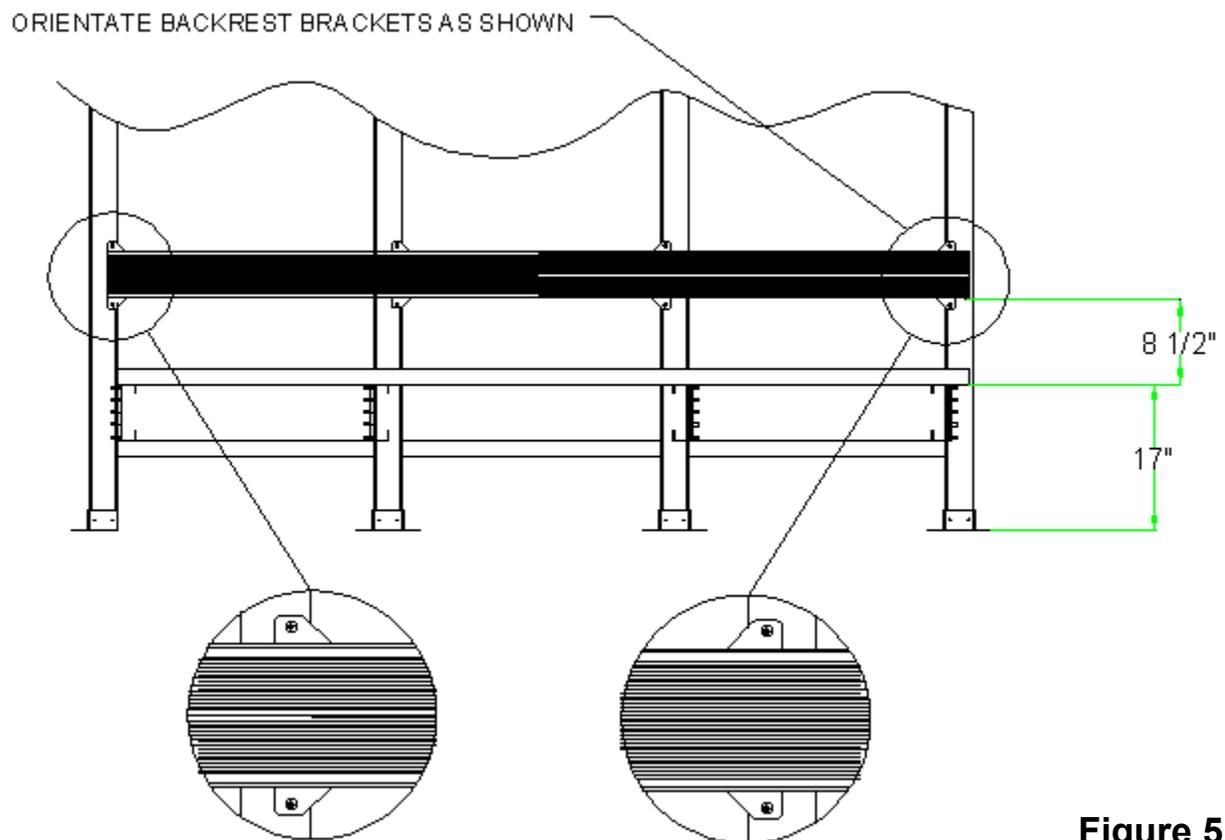


## ***Installation Instructions***

### **Installation of the bench (cont.)**

#### **STEP D.**

Locate backrest on posts. Backrest must be level. **See Figure 5.** Drill 3/16" diameter holes through posts using predrilled holes in backrest bracket as a guide, 2 per post. Secure backrest brackets to posts with 3/16" pop rivets, 2 per post.



**Figure 5**

Call our Customer Service  
if you need clarification of these assembly instructions